

Title (en)
SECURE ENCRYPTION SYSTEM, DEVICE AND METHOD

Title (de)
SYSTEM, EINRICHTUNG UND VERFAHREN ZUR SICHEREN VERSCHLÜSSELUNG

Title (fr)
SYSTEME, DISPOSITIF ET PROCEDE DE CHIFFREMENT SECURISE

Publication
EP 1847064 A1 20071024 (EN)

Application
EP 06705507 A 20060119

Priority
• CN 2006000086 W 20060119
• US 4143605 A 20050125

Abstract (en)
[origin: WO2006079277A1] A system, device and method for encrypting plaintext information securely. The system includes a transmitting agent to generate and synchronise a first cipher stream using the plaintext information and a first key, to generate and synchronize a second cipher stream using a second key and a randomizing function to randomize and synchronize a controllable plaintext stream to form a second synchronized cipher stream, and to operate on the plurality of first and second cipher streams using an exclusive disjunction operator to obtain a ciphertext stream; and a receiving agent to decrypt the ciphertext stream.

IPC 8 full level
H04L 9/18 (2006.01); **H04L 9/16** (2006.01)

CPC (source: EP KR US)
G06F 15/00 (2013.01 - KR); **H04L 9/065** (2013.01 - EP KR US); **H04L 9/12** (2013.01 - EP US); **H04L 9/16** (2013.01 - KR);
H04L 2209/56 (2013.01 - EP US)

Citation (search report)
See references of WO 2006079277A1

Cited by
WO2020181818A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006079277 A1 20060803; AU 2006208377 A1 20060803; BR PI0606238 A2 20090609; CA 2595313 A1 20060803;
CN 101156347 A 20080402; EP 1847064 A1 20071024; JP 2008529044 A 20080731; KR 20070108186 A 20071108;
MX 2007008936 A 20071206; RU 2007132196 A 20090310; US 2006193472 A1 20060831; US 2010257368 A1 20101007;
US 7751565 B2 20100706; US 8595508 B2 20131126; ZA 200707007 B 20081126

DOCDB simple family (application)
CN 2006000086 W 20060119; AU 2006208377 A 20060119; BR PI0606238 A 20060119; CA 2595313 A 20060119;
CN 200680009707 A 20060119; EP 06705507 A 20060119; JP 2007551535 A 20060119; KR 20077019372 A 20070824;
MX 2007008936 A 20060119; RU 2007132196 A 20060119; US 4143605 A 20050125; US 81519910 A 20100614; ZA 200707007 A 20060119